

**[ABSTRACT]**

PAGE COMPOSITION IN AN IMAGE REPRODUCTION SYSTEM USING SEGMENTED  
PAGE ELEMENTS.

5 The invention relates to a method and apparatus for merging page  
elements according to a layout signal into one page for  
reproduction on a reproduction device. The page elements are  
segmented into smaller segments before storage into memory. Due to  
10 the particular format of the page elements, data required for the  
merging of page elements can be retrieved, decompressed and  
processed quickly so merging can be done in real time during  
printing. The format used for the segments enables easy and fast  
execution of various image operations such as mirroring, clipping,  
15 rotation, etc...

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